

# VTF 2006

VIA Technology Forum

epiOS

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*Embracing  
Digital Intelligence*

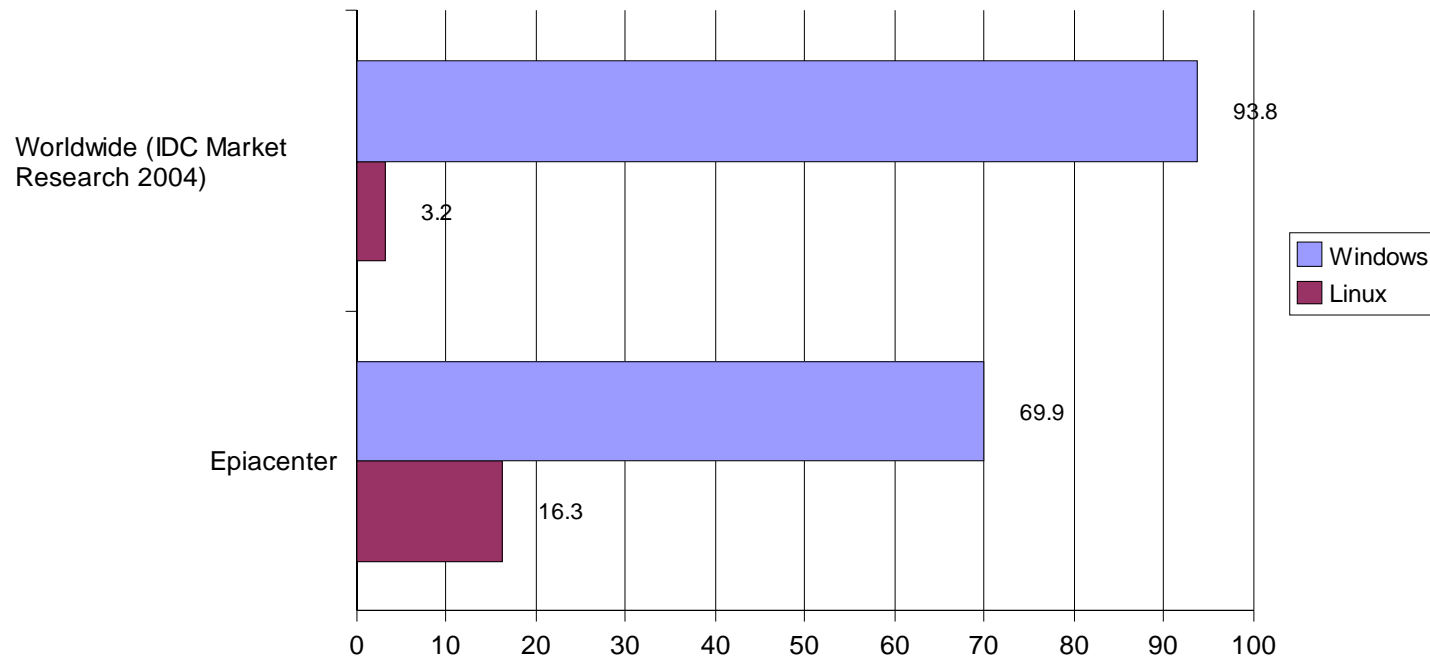
# Content

- **History and background of epiOS**
- **Demand for hardware specific OS**
- **epiOS key features**
- **Solution samples**
- **Benefits for OEM customers**
- **Benefits for the emerging markets**

# epiOS history and background

- 5 times more Linux users on Epiacenter

## Desktop OS Installations



## Demand for hardware specific OS

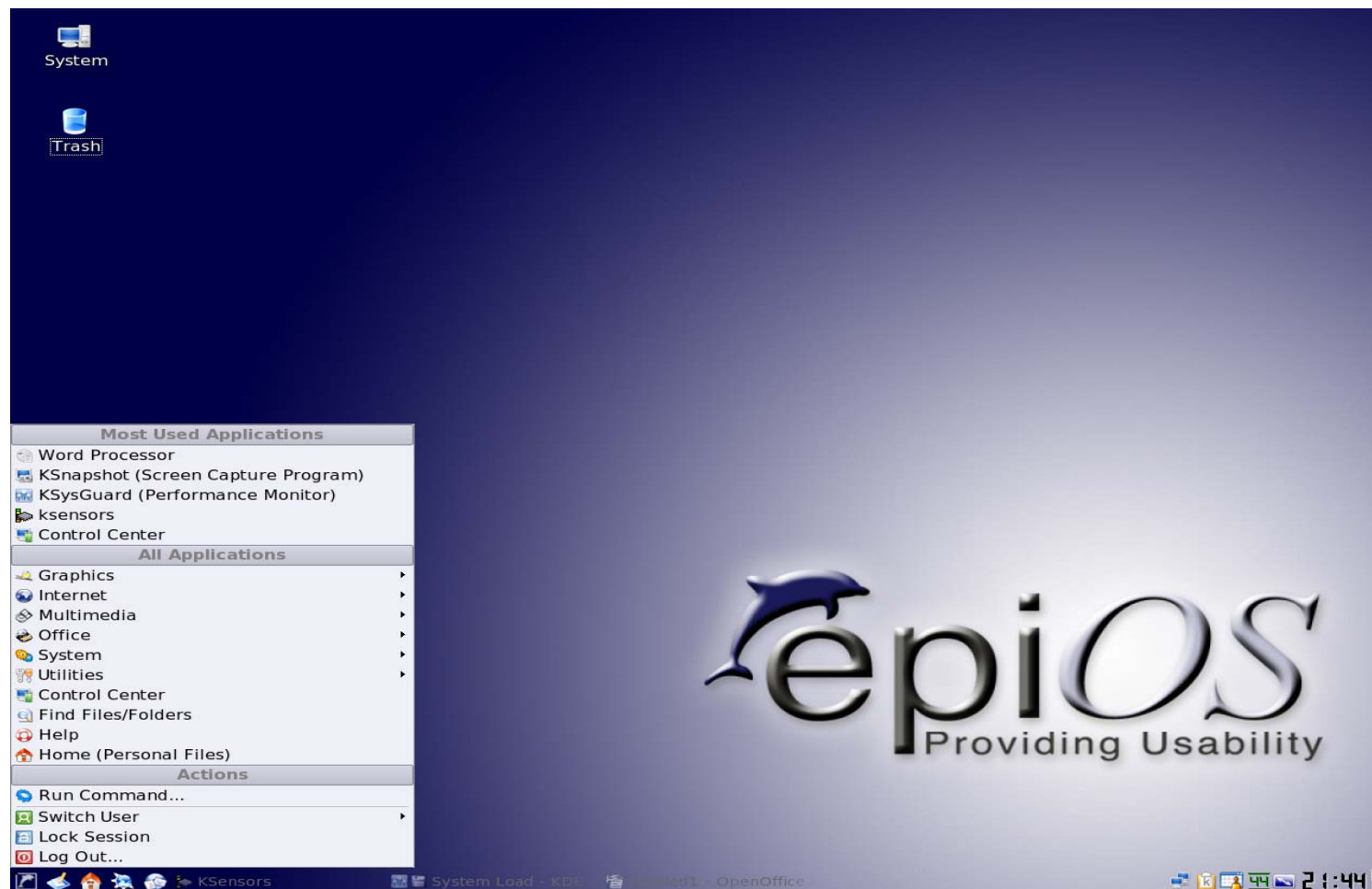
- **Missing driver support for the specific chipset features under Windows**
- **Best performance for the specific hardware platform**
- **No more driver problems**
- **No compromises**

## epi0S key features

- **Out of the box solution for every EPIA mainboard**
- **Support for the mpeg2 hardware acceleration of CLE266/CN400/CN700**
- **Support for the Padlock engine**
- **Installation in only 10 minutes on any EPIA system (with 2GB of applications)**
- **Fully customizable**

# Screenshots

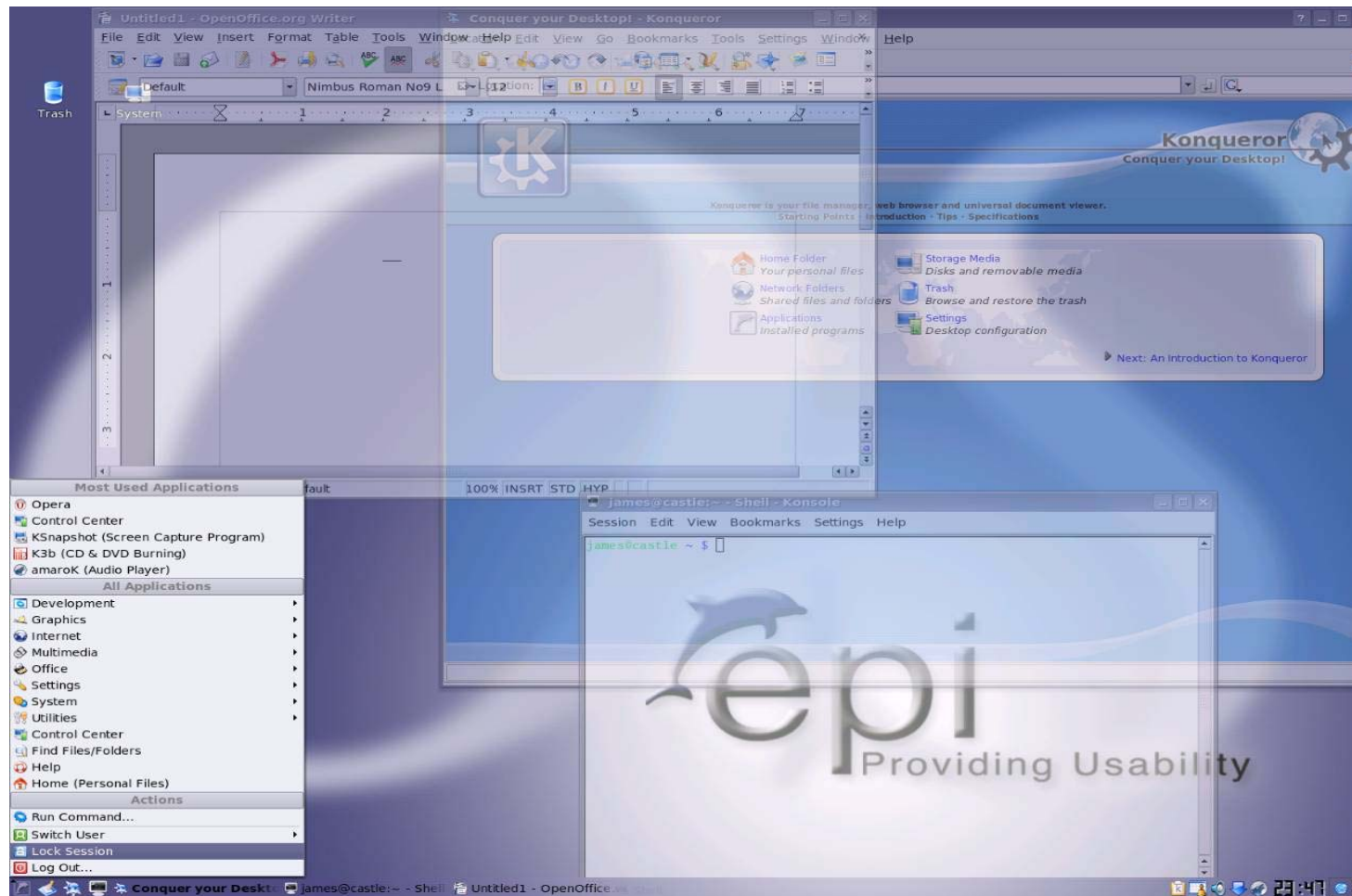
- epiOS on an EPIA M10000





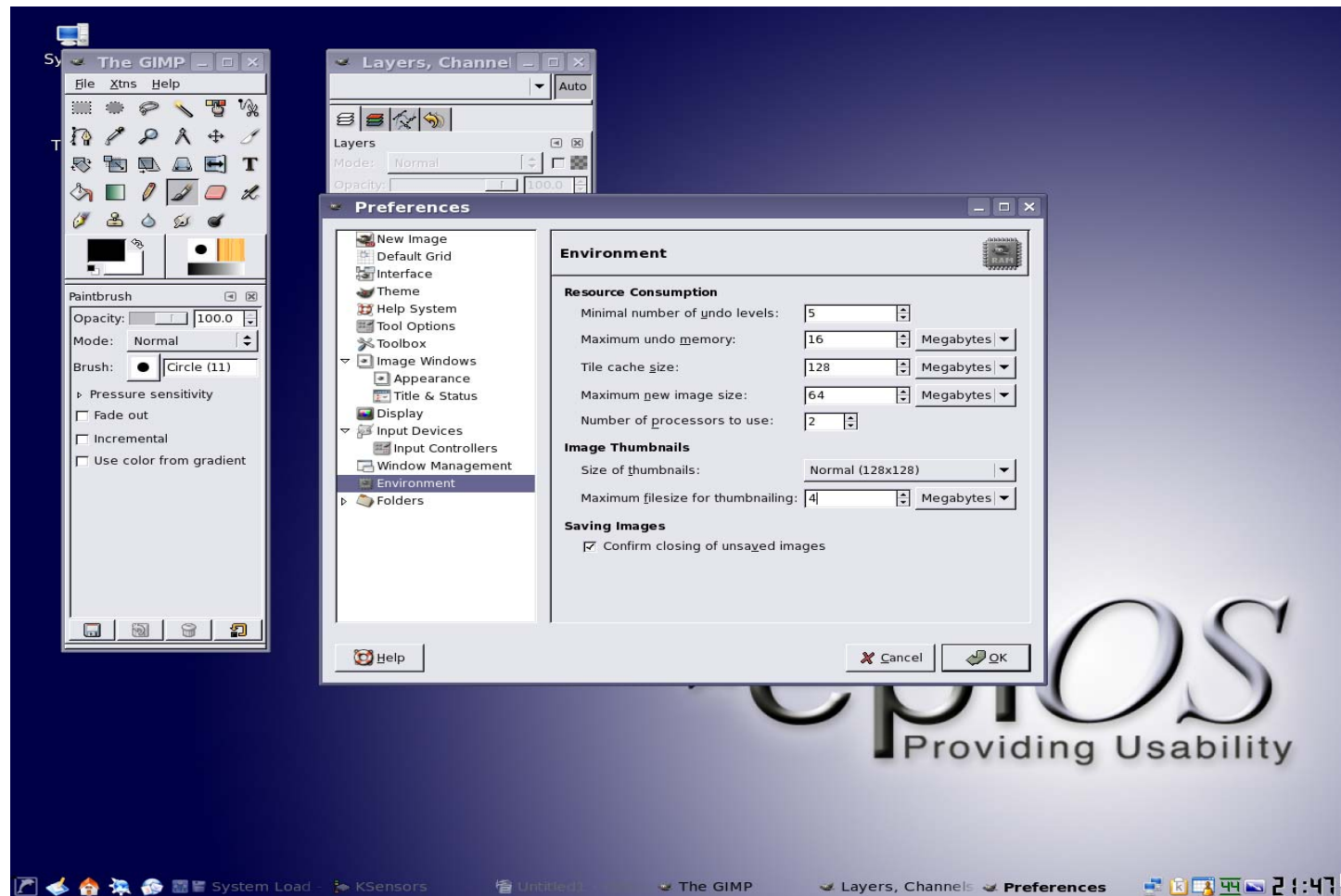
# Screenshots

- epiOS on an EPIA EN15000



# Screenshots

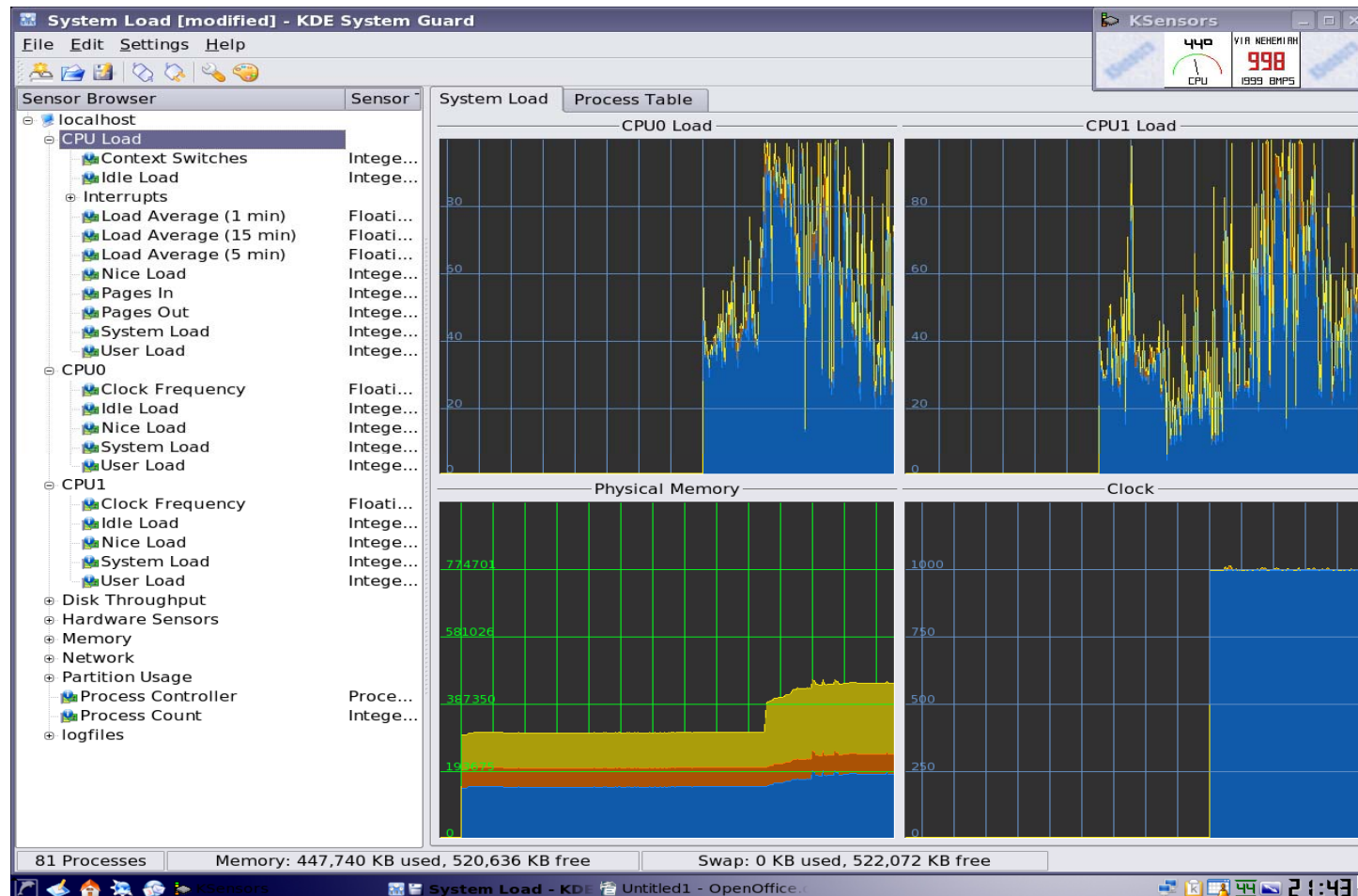
- epiOS on VT310-DP





# Screenshots

- epiOS on VT310-DP



# OEM Solution - Desktop

- **EN 15000 C7**
- **512MB DDR2**
- **120GB Raid 1**
- **On the fly HDD encryption**
- **True delete**
- **30W power consumption**



# OEM Solution - Kiosk

- M10000 C3
- 512MB DDR
- 512MB Flash IDE
- ELO Touchscreen
- Narrowcasting support
- 6-9% CPU load during mpeg2 playback



# Screenshots

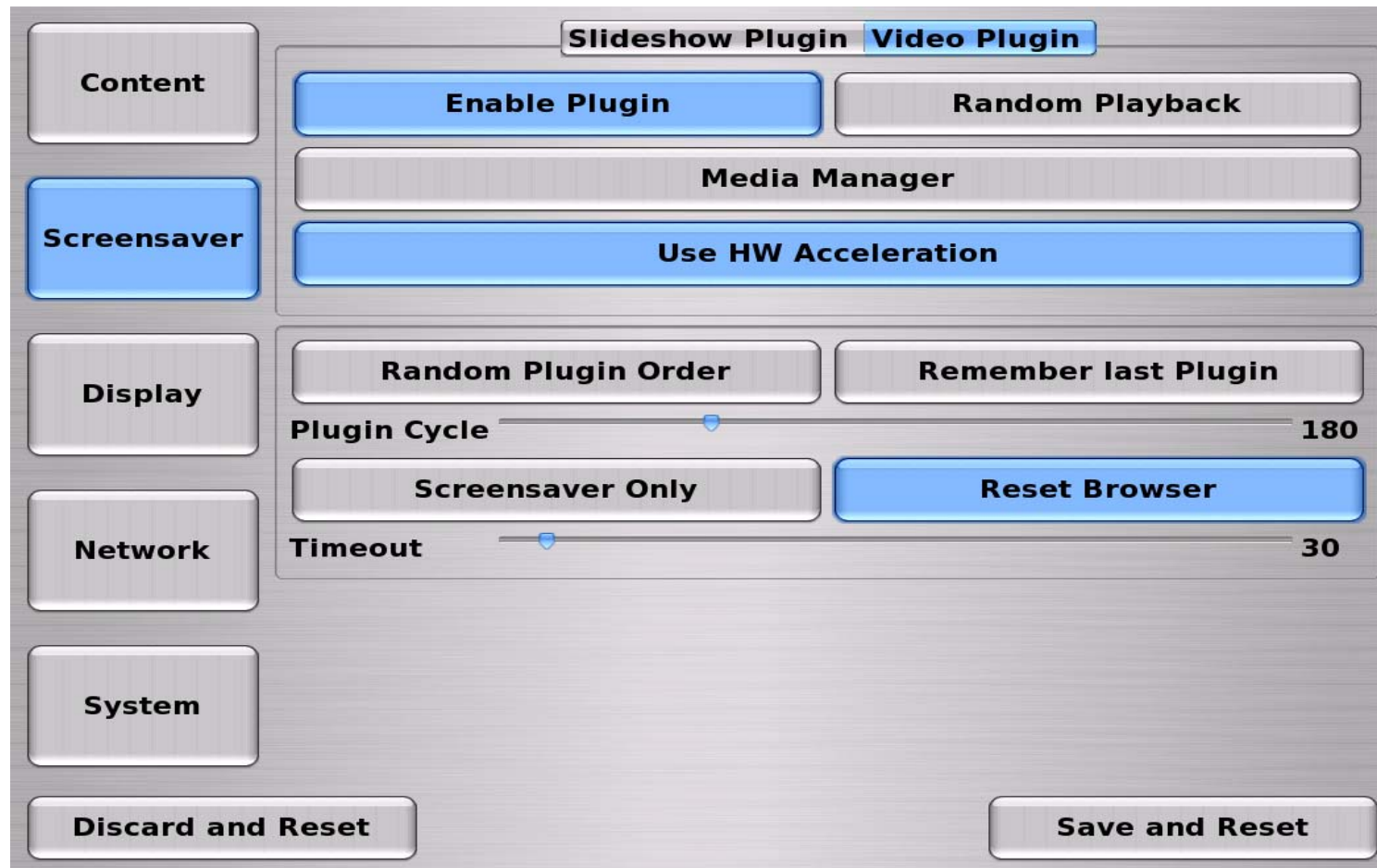
- Embedded epiOS for Kiosk Systems

The screenshot displays a web-based configuration interface for Embedded epiOS. On the left, a vertical sidebar contains five buttons: 'Content' (highlighted in blue), 'Screensaver', 'Display', 'Network', and 'System'. The main area is titled 'Local Settings' and features two tabs at the top: 'Local' (selected) and 'Remote'. Below the 'Local' tab, there is an 'Update Url' field containing the text 'http://www.epios.net/kiosk/content-update.md5sum'. A large 'Start Update' button is positioned below the URL field. At the bottom of the interface, there are two buttons: 'Discard and Reset' on the left and 'Save and Reset' on the right.

Content	Local	Remote
Screensaver	Local Settings	
	Update Url <input type="text" value="http://www.epios.net/kiosk/content-update.md5sum"/>	
	<input type="button" value="Start Update"/>	
Display		
Network		
System		
<input type="button" value="Discard and Reset"/>		<input type="button" value="Save and Reset"/>

# Screenshots

- Embedded epiOS for Kiosk Systems





# Screenshots

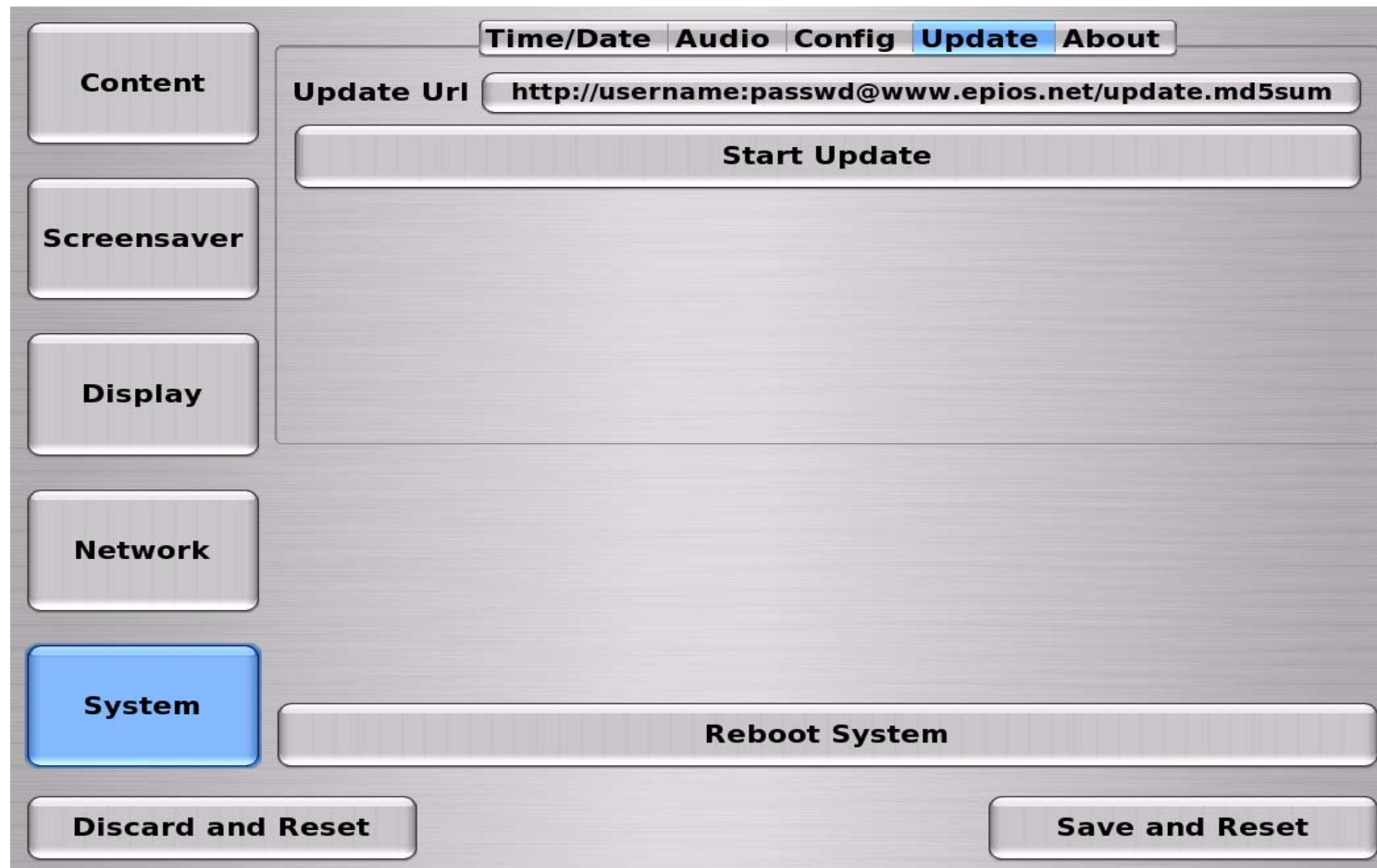
- **Embedded epiOS for Kiosk Systems**





# Screenshots

- Embedded epiOS for Kiosk Systems



# Benefits for OEM customers

- **Modular architecture of epiOS**
- **Fully customizable to meet the specific requirements**
- **OEM specific branding**

# Benefit for Emerging markets

- **Modular architecture of epiOS**
- **Fully customizable to meet the needs of users in different environments**
- **Over 100 Desktop languages**
- **Cost effective licences**